

CLAIMS

Sub 5
1. A positioning system comprising:
one or more satellites configured to transmit signals;
a broadcast station configured to transmit an assistance signal; and
a receiver configured to receive said signals and said assistance signal.

2. The positioning system of claim 1 wherein said assistance signal includes one or more Doppler frequencies for said satellites.

3. The positioning system of claim 1 wherein said assistance signal includes one or more locations for said satellites.

4. The positioning system of claim 1 wherein said assistance signal includes a list of one or more satellites that are currently available.

5. The positioning system of claim 1 wherein said assistance signal includes one or more navigation bits in said signals from said satellites.

20 6. The system of claim 1 wherein said receiver is a computing device.

7. The system of claim 6 wherein said computing device is a cellular phone.

15. The method of claim 11 wherein said assistance signal includes one or more navigation bits in said signals from said satellites.

16. The method of claim 11 wherein said receiver is a computing device.

17. The method of claim 16 wherein said computing device is a cellular phone.

18. The method of claim 16 wherein said computing device is a personal digital assistant.

19. The method of claim 11 wherein said signals and said assistance signals are obtained via a computer network.

20. The system of claim 19 wherein said computer network is the Internet.

21. A computer program product comprising:
a computer usable medium having computer readable program code embodied therein configured to find the position of an object, said computer program product comprising:
computer readable code configured to cause a computer to transmit signals from one or more satellites;
computer readable code configured to cause a computer to transmit an assistance signal from a broadcast station; and

computer readable code configured to cause a computer to receive said signals and said assistance signal with a receiver.

22. The computer program product of claim 21 wherein said assistance signal
5 includes one or more Doppler frequencies for said satellites.

23. The computer program product of claim 21 wherein said assistance signal
includes one or more locations for said satellites.

24. The computer program product of claim 21 wherein said assistance signal
includes a list of one or more satellites that are currently available.

25. The computer program product of claim 21 wherein said assistance signal
includes one or more navigation bits in said signals from said satellites.

26. The computer program product of claim 21 wherein said receiver is a computing
device.

27. The computer program product of claim 26 wherein said computing device is a
20 cellular phone.

28. The computer program product of claim 26 wherein said computing device is a
personal digital assistant.

29. The computer program product of claim 21 wherein said signals and said assistance signals are obtained via a computer network.

5 30. The computer program product of claim 29 wherein said computer network is the Internet.

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